CONFIGURING AND SELECTING A DUTY CYCLE FOR AN OUTPUT DRIVER

ABSTRACT OF THE DISCLOSURE

The pre-driver of an output driver is calibrated so as to generate output signals having a specified duty cycle. During calibration, a closed loop is utilized to decrease the differences between the common mode voltage of the output signal and a reference voltage. Calibration data is be stored in registers so that the output driver can be readily configured for one of a plurality of signaling types, each having a respective duty cycle. Additionally, a process, voltage and temperature (PVT) detector can be utilized so that calibration of the pre-driver tracks with process, voltage and temperature variations of the integrated circuit in which the output driver resides.